

Claims

1. A method of mounting an electrical circuit component to a circuit board, comprising the steps of:

providing an electrical component having an electrical terminal
5 extending therefrom;

providing a circuit board defining a bore extending from a first surface toward a second opposite surface thereof;

deforming said electrical terminal to define a mounting portion having a tip portion extending away therefrom; and

10 mounting said electrical component to said circuit board with said mounting portion of said electrical terminal juxtaposed with said first surface of said circuit board and with said tip extending into said bore.

2. The method of claim 1 wherein said first surface of said circuit board defines an electrically conductive pad thereon adjacent said bore;

15 and wherein the mounting step includes the steps of:

positioning said electrical component relative to said circuit board with said mounting portion of said electrical terminal juxtaposed with said electrically conductive pad and with said tip extending into said bore; and

20 affixing said mounting portion of said electrical terminal to said electrically conductive pad.

3. The method of claim 2 wherein the affixing step includes mechanically and electrically attaching said mounting portion of said electrical terminal to said electrically conductive pad.

5 4. The method of claim 2 wherein the affixing step includes soldering said mounting portion of said electrical terminal to said electrically conductive pad.

5. The method of claim 1 wherein said electrical component
10 defines a viewing surface;
and wherein said deforming step includes deforming said electrical terminal to define a mounting portion having a mounting surface disposed substantially parallel with said viewing surface of said electrical component.

15 6. The method of claim 5 wherein said deforming step further includes deforming said electrical terminal to define said tip extending substantially perpendicularly away from said mounting portion.

7. The method of claim 1 wherein said electrical component
20 includes a number of electrical terminals extending therefrom and said circuit board defines a corresponding number of bores extending from said first surface toward said second surface;

and wherein said deforming step includes deforming said number of electrical terminals to each define a respective mounting portion having a tip portion extending away therefrom;

- and wherein said mounting step includes mounting said electrical component to said circuit board with said mounting portion of each of said number of electrical terminals juxtaposed with said circuit board and with each of said tips extending into separate ones of said corresponding number of bores.

10 8. A circuit assembly comprising:

an electrical component having an electrical terminal extending therefrom, said electrical terminal defining a mounting portion having a tip portion extending therefrom; and

- a circuit board defining a bore extending from a first surface toward a second opposite surface thereof, said electrical component mounted to said circuit board with said mounting portion of said electrical terminal juxtaposed with said first surface of said circuit board and with said tip portion extending into said bore.

20 9. The circuit assembly of claim 8 further including an electrically conductive pad disposed on said first surface of said circuit board;

and wherein said electrical component is mounted to said circuit board with said mounting portion of said electrical terminal juxtaposed with said electrically conductive pad.

5 10. The circuit assembly of claim 9 wherein said mounting portion of said electrical terminal is mechanically and electrically attached to said electrically conductive pad.

10 11. The circuit assembly of claim 10 wherein said mounting portion of said electrical terminal is soldered to said electrically conductive pad.

15 12. The circuit assembly of claim 8 wherein said bore extends completely through said circuit board from said first surface to said second opposite surface.

13. The circuit assembly of claim 8 wherein said electrical component defines a viewing surface;
and wherein said mounting portion of said electrical terminal is
20 disposed substantially parallel with said viewing surface of said electrical component.

14. The circuit assembly of claim 13 wherein said tip portion of
said electrical terminal is disposed substantially perpendicularly away from
said mounting portion.

5 15. The circuit assembly of claim 8 wherein said electrical
component is a display unit.

16. The circuit assembly of claim 8 wherein said electrical
component includes a number of electrical terminals extending therefrom
10 and said circuit board defines a corresponding number of bores extending
from said first surface toward said second surface;

and wherein said number of electrical terminals each define a
respective mounting portion having a tip portion extending away therefrom;
and wherein said electrical component is mounted to said circuit
15 board with said mounting portion of each of said number of electrical
terminals juxtaposed with said circuit board and with each of said tips
extending into separate ones of said corresponding number of bores.